Ref	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	1710	(705/7).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/18 08:18
L4	1667	(705/8).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/18 08:18
S1	7	"6047290"	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 13:59
S2	4	"6233572"	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:10
S4	23	"6049742" (W\W	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 15:07
S5	4161	supply near4 chain\$5	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:10
S6	7373	supply near4 chain\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:10
S7	239	S6 and (lead\$3 near1 time\$4) and quantit\$4 and (product\$5 near plan\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:11
S8	138	S6 and (lead\$3 near1 time\$4) and quantit\$4 and (product\$5 near plan\$4) and buffer\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:11
S9	134	S6 and (lead\$3 near1 time\$4) and quantit\$4 and (product\$5 near plan\$4) and buffer\$4 and capacit\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:12

		Can EAST Search	i ilistoi y			
S10	101	S6 and (lead\$3 near1 time\$4) and quantit\$4 and (product\$5 near plan\$4) and buffer\$4 and capacit\$4 and lot\$2 and feasibil\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 15:39
S11	5	S6 and (lead\$3 near1 time\$4) and quantit\$4 and (product\$5 near plan\$4) and buffer\$4 and capacit\$4 and lot\$2 and feasibil\$7 and (linear near2 program\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:16
S12	5	S6 and (lead\$3 near1 time\$4) and quantit\$4 and (product\$5 near plan\$4) and buffer\$4 and capacit\$4 and lot\$2 and feasibil\$7 and (linear near2 program\$4) and constraint\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:14
S13	1	"6151582" and (lead\$3 near1 time\$4) and quantit\$4 and (product\$5 near plan\$4) and buffer\$4 and capacit\$4 and lot\$2 and feasibil\$7 and (linear near2 program\$4) and constraint\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:14
S14	30	S6 and buffer\$4 and (linear near2 program\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:20
S15	27	S6 and buffer\$4 and (linear near2 program\$4) and constrain\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 15:40
S16	0	S6 and buffer\$4 and (linear near2 program\$4) and (relax\$4 near2 constrain\$4) VWIWW	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:32
S17		S6 and (linear near2 program\$4) and (relax\$4 near2 constrain\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:21
S18	0	("2005/0171826").URPN.	USPAT	OR	OFF	2006/03/16 14:21
S19		(production near2 plan\$4) and (linear near2 program\$4) and (relax\$4 near2 constrain\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 15:48

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S20	13	(buffer\$2) and (linear near2 program\$4) and (relax\$4 near2 constrain\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:31
S21	7	"6047290"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:34
S22	5	("6047290").URPN.	USPAT	OR	OFF	2006/03/16 14:31
S23	4	("5590046" "5771172" "5819232" "5854746").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/16 14:31
S24	9	S22 or S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:32
S25	1	S24 and buffer\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:32
S28	5	"6049742" and (linear\$4 or LP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 15:39
S29	7373	supply near4 chain\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 15:39
S30	(109)	S29 and (lead\$3 near1 time\$4) and quantit\$4 and (product\$5 near plan\$4) and capacit\$4 and lot\$2 and feasibil\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 15:39
S31		S29 and (linear near2 program\$4) and (relax\$4 near2 constrain\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 15:40
S32	111)	(linear near2 program\$4) and (relax\$4 near2 constrain\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 15:49

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S33	140	(Ip or (linear near2 program\$4)) and (relax\$4 near2 constrain\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 15:50
S34	12	(Ip or (linear near2 program\$4)) and (discret\$8 near4 value\$4) and (relax\$4 near2 constrain\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 16:22
S35	68	(lp or (linear near2 program\$4)) and (discret\$8) and (relax\$4 near2 constrain\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 16:11
S36 \	109	((lp or (linear near2 program\$4)) near4 relax\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 16:11
S37	9	S29 and S36	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 15:57
S38	40226	("705").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 07:44
S39	43794	("700").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 15:58
S40	11	S39 and S36	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 15:59
S41	24	S38 and S36	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 15:59
S42	18	((integer near2 program\$4)) and (discret\$8) and (relax\$4 near2 constrain\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR ·	OFF	2006/03/16 16:15

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S43	36	(((integer near2 program\$4)) near4 relax\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 16:11
S44	42	((integer near2 program\$4)) and (relax\$4 near2 constrain\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 16:16
S45	24	S44 not S42	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 16:16
S46	21	(lp or (linear near2 program\$4) or (integer near2 program\$6)) and (delet\$4 near2 constrain\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 16:25
S47	64	((integer near2 program\$6)) and S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 16:25
S48	58	((integer near2 program\$6)) and S29 and constraint\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 07:42
S49	8	((integer near2 program\$6)) and S29 and constraint\$4 and (discret\$6 near4 time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 16:28
S50	57	((integer near2 program\$6)) and S29 and constraint\$4 and (time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 16:28
S51	57	((integer near2 program\$6)) and S29 and constraint\$4 and (time\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 16:28
S52	735	(((linear\$4 or integer\$4) near2 program\$6) or lp) and time and constraint\$4 and relax\$9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 07:44

	1					· · · · · · · · · · · · · · · · · · ·
S53	731	branch\$4 near1 bound\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 07:44
S54	104	relax\$8 and (branch\$4 near1 bound\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 07:45
S55	40226	("705").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/18 08:18
S56	43794	("700").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 07:44
S57	22	S54 and S55	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 07:45
S58	16	S54 and S56	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 07:45
S59	51	S53 and S56	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 07:45
S60	56	S53 and S55	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 07:47
S61	93	S52 and S55	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 07:45
S62	62	S52 and S56	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 07:45

S63	22	S53 and S55 and relax\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 08:30
S66	460	(schedul\$4 near2 (repair\$4 or maintenance)) and (part\$4 near3 availab\$8)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 08:39
S67	(125)	(schedul\$4 near2 (repair\$4 or maintenance)) and (part\$4 near3 availab\$8) and ((updat\$4 or chang\$4 or adjust\$5 or revis\$5) near4 schedul\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 08:44
S94	3927	bucket\$5 and buffer\$5	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 15:07
S95	6425	bucket\$5 and buffer\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 15:07
S96	659	bucket\$5 and buffer\$5 and supply\$5 and constrain\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 15:08
S97	656	bucket\$5 and buffer\$5 and supply\$5 and constrain\$8 and time	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 15:08
S98	41	bucket\$5 and buffer\$5 and supply\$5 and constrain\$8 and time and producer\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 15:08
S99	7	"6047290" \(\sqrt{\text{V}\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 16:17
S10 0	280655	upstream\$4 and downstream\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 15:09

S10 1	4	("5590046" "5771172" "5819232" "5854746").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/17 15:09
S10 2	5	("6047290").URPN.	USPAT	OR	OFF	2006/03/17 15:10
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  File 15:ABI/Inform(R) 1971-2006/Mar 18
         (c) 2006 ProQuest Info&Learning
       16:Gale Group PROMT(R) 1990-2006/Mar 20
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  File
         9:Business & Industry(R) Jul/1994-2006/Mar 17
         (c) 2006 The Gale Group
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         (c) 2006 Dialog
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         (c) 2006 Business Wire.
*File 610: File 610 now contains data from 3/99 forward.
Archive data (1986-2/99) is available in File 810.
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         (c) 2006 PR Newswire Association Inc
*File 613: File 613 now contains data from 5/99 forward.
Archive data (1987-4/99) is available in File 813.
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         (c) 2006 McGraw-Hill Co. Inc
*File 624: Homeland Security & Defense and 9 Platt energy journals added
Please see HELP NEWS624 for more
  File 634:San Jose Mercury Jun 1985-2006/Mar 17
         (c) 2006 San Jose Mercury News
  File 636:Gale Group Newsletter DB(TM) 1987-2006/Mar 17
         (c) 2006 The Gale Group
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         (c) 2006 The New York Times
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         (c) 2006 The New York Times
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
*File 583: This file is no longer updating as of 12-13-2002.
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Ref	Items	Index-term
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E2	5	AU=VENKATASUBRAMANYAN, N.
E3	1	AU=VENKATASUBRAMANYAN, NARAYAN 🕽 🛣
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E12
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4 AU=SHEIKIN, I. B.
E23
E24
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S1
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S2
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S8
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S9
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S10
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             OR BRANCH-AND-BOUND???))
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                (UPSTREAM??? OR DOWNSTREAM???) AND S10
S11
S12
           19
                (UPSTREAM??? AND DOWNSTREAM???) AND S10
     scan
S13
            7
                S9 AND S1
S14
         18\overline{46}
                S2 OR S3 OR S4
S15
           18
                RD S12 (unique items)
S16
               · RD S11
                        (unique items)
S17
                S15 AND (PD<2002 OR PY<2002)
S18
                BUFFER??? AND (((LP OR (LINEAR OR INTEGER) OR IP) (2N) PRO-
             GRAM?) OR ((BRANCH(2N)BOUND???)) OR BRANCH-AND-BOUND???)) AND -
             L1
S19
                BUFFER??? AND (((LP OR (LINEAR OR INTEGER) OR IP) (2N) PRO-
             GRAM?) OR ((BRANCH(2N)BOUND???) OR BRANCH-AND-BOUND???)) AND -
             S1
S20
           19
                BUFFER??? AND (((LP OR (LINEAR OR INTEGER) OR IP) (2N) PRO-
             GRAM?) OR ((BRANCH(2N)BOUND???) OR BRANCH-AND-BOUND???)) AND -
             (UPSTREAM??? AND DOWNSTREAM???)
S21
            4
                S19 AND (PD<2001 OR PY<2001)
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S23
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